FIG. 1

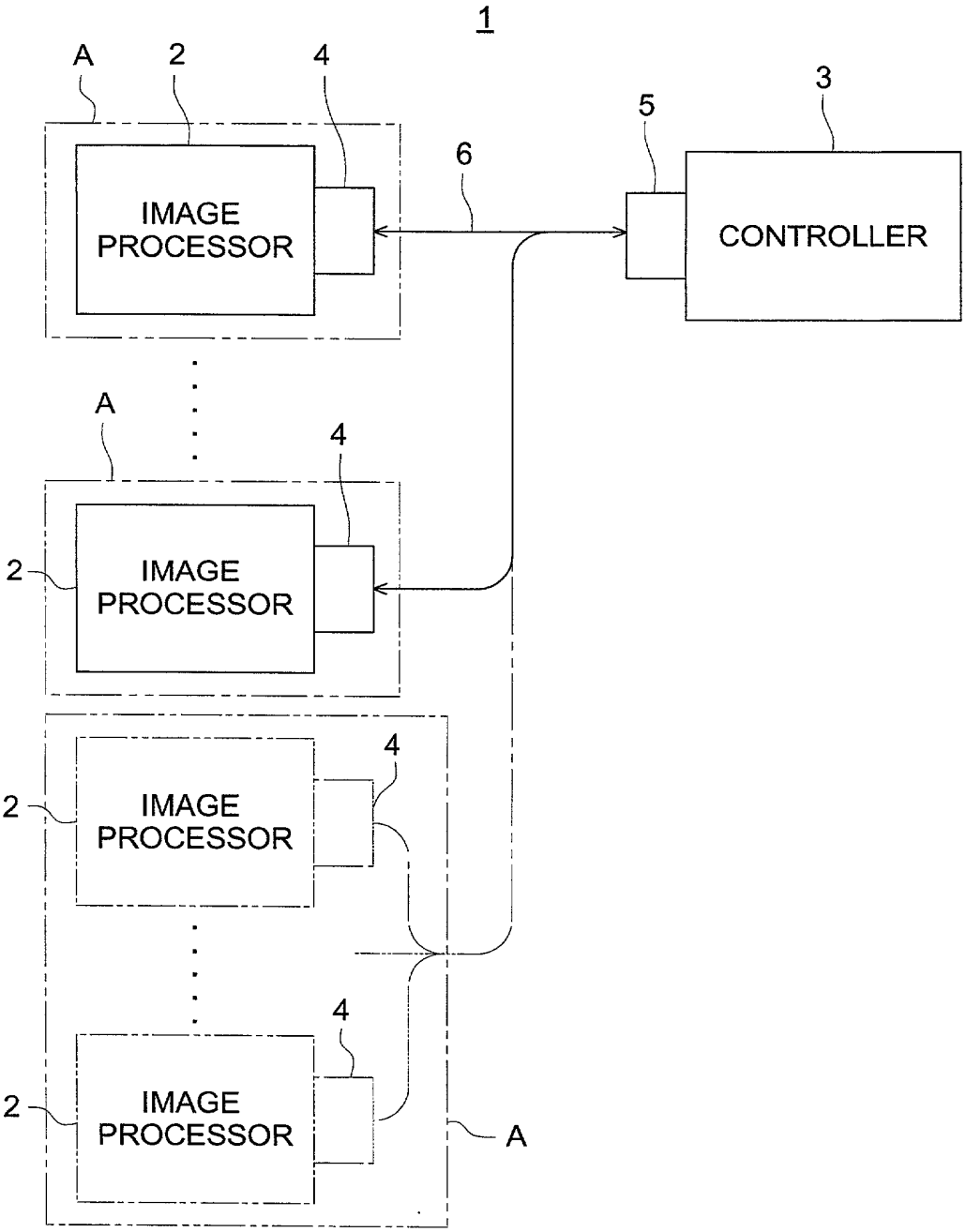

1
A
2
4
3
5
6
IMAGE PROCESSOR
CONTROLLER
A
4
2
IMAGE PROCESSOR
4
2
IMAGE PROCESSOR
4
2
IMAGE PROCESSOR
A

FIG. 2

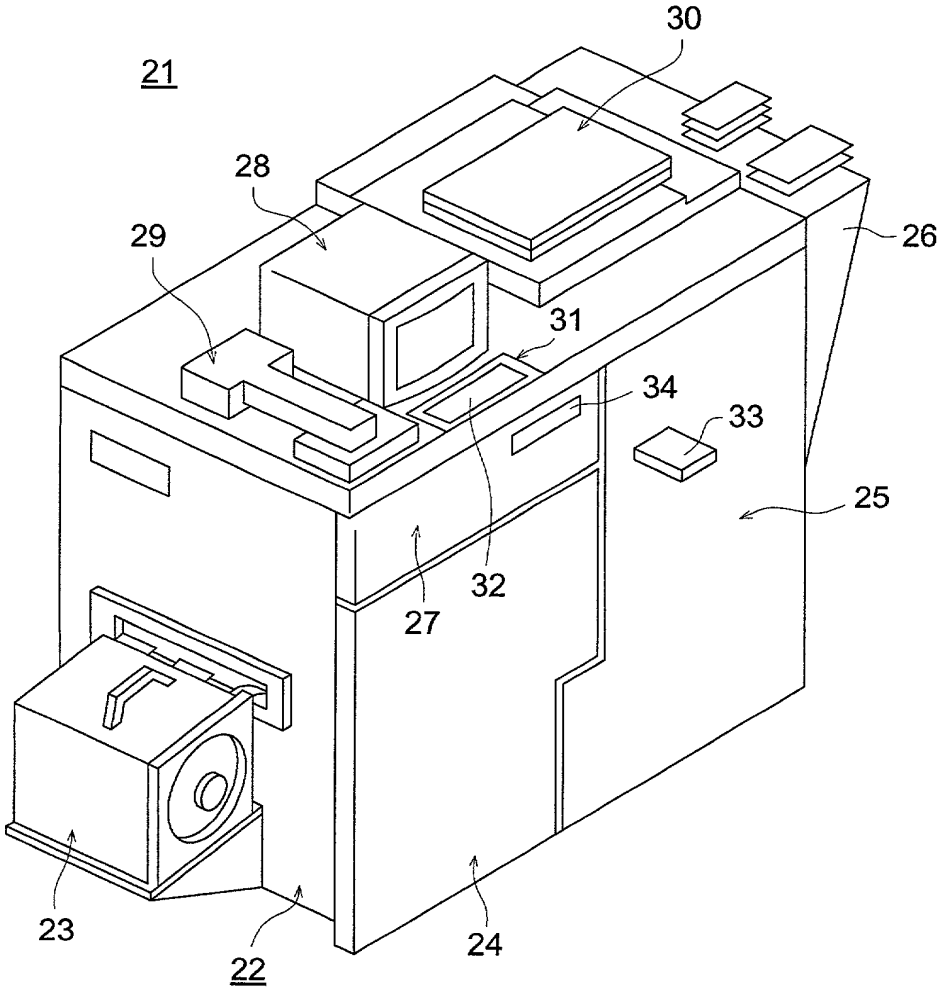


FIG. 3

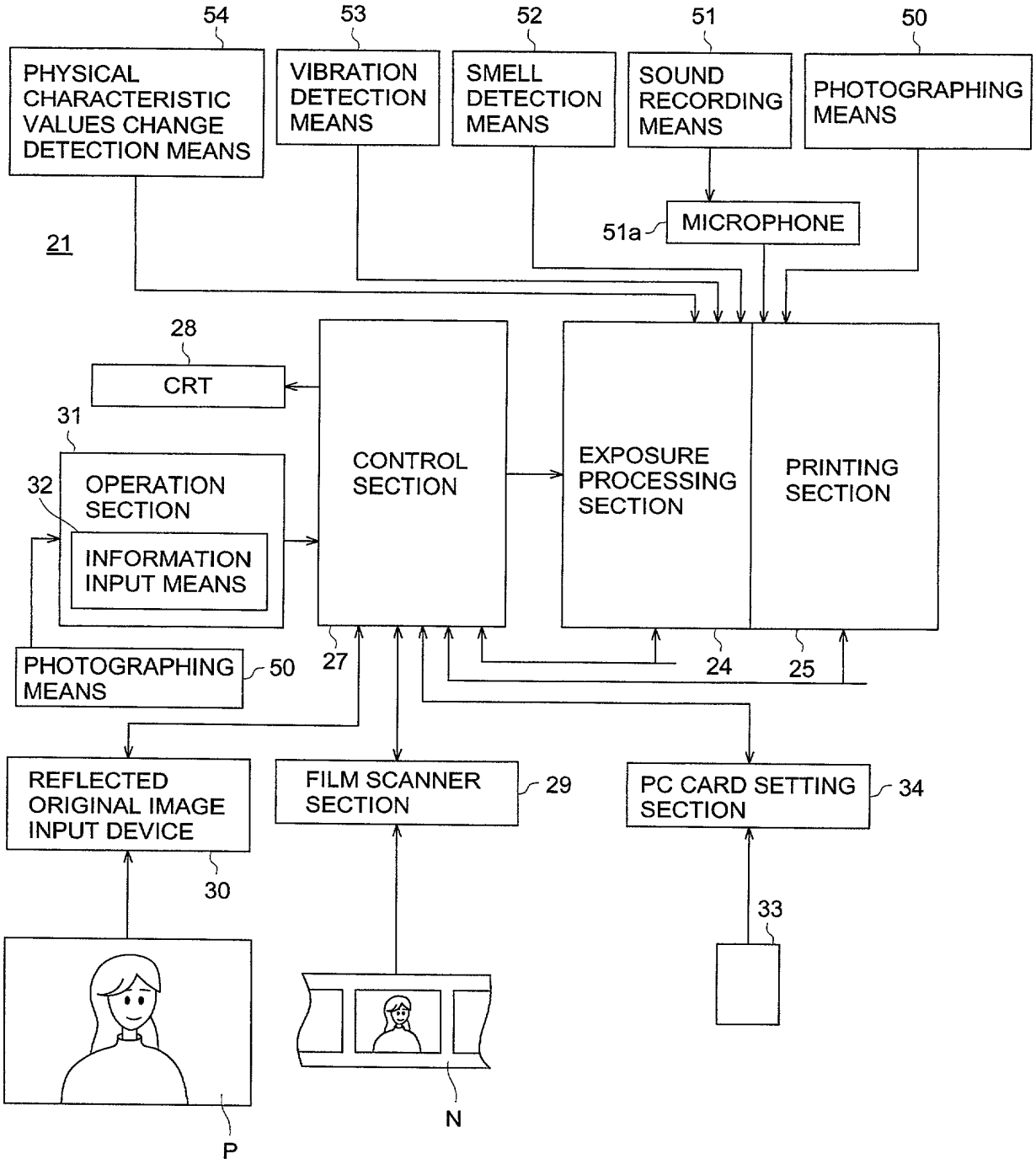

54
53
52
51
50
PHYSICAL CHARACTERISTIC VALUES CHANGE DETECTION MEANS
VIBRATION DETECTION MEANS
SMELL DETECTION MEANS
SOUND RECORDING MEANS
PHOTOGRAPHING MEANS
51a
MICROPHONE
21
28
CRT
31
32
OPERATION SECTION
INFORMATION INPUT MEANS
CONTROL SECTION
EXPOSURE PROCESSING SECTION
PRINTING SECTION
PHOTOGRAPHING MEANS
50
27
24
25
REFLECTED ORIGINAL IMAGE INPUT DEVICE
30
FILM SCANNER SECTION
29
PC CARD SETTING SECTION
34
33
P
N

FIG. 4

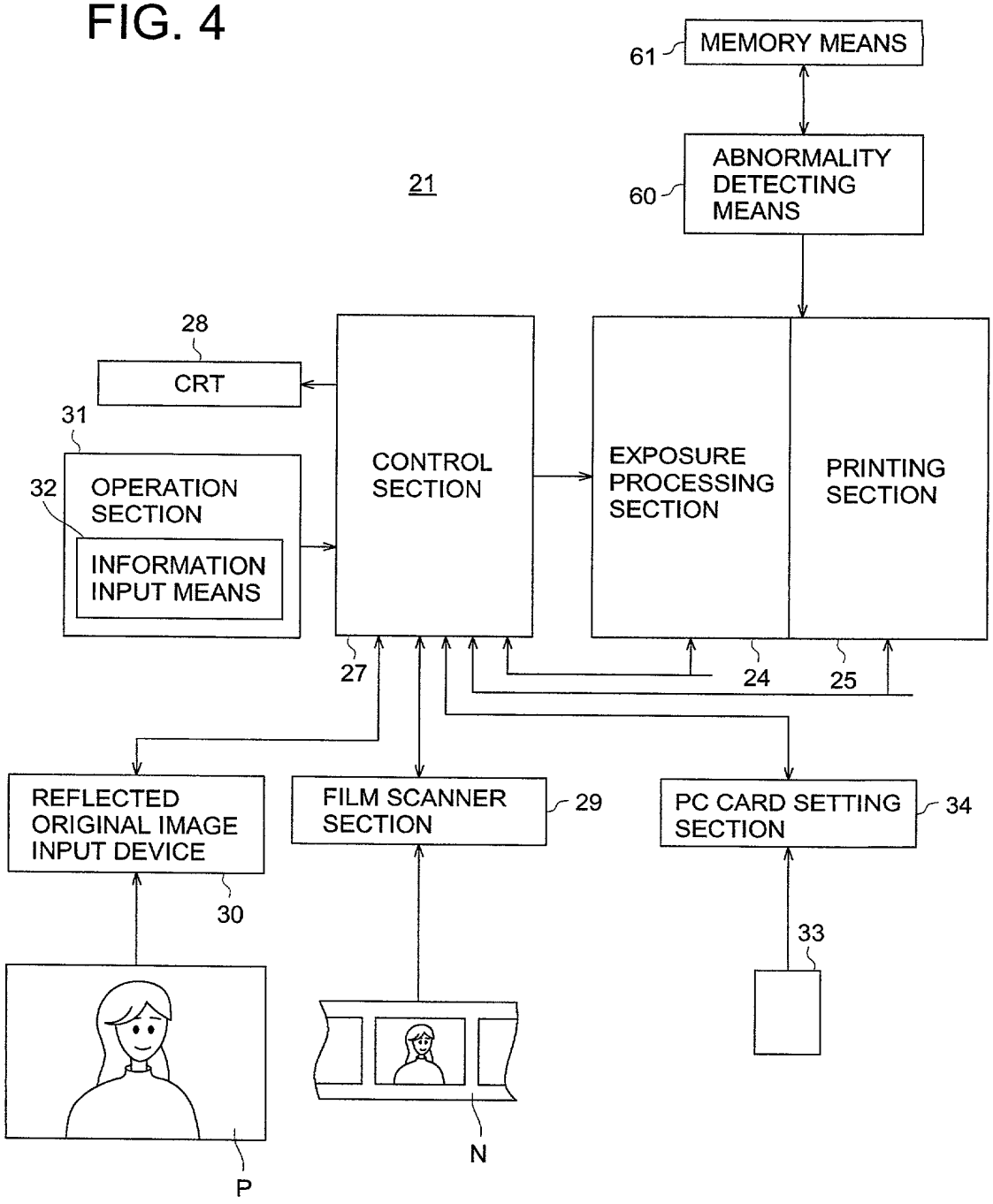

61
MEMORY MEANS
21
60
ABNORMALITY DETECTING MEANS
28
CRT
31
32
OPERATION SECTION
INFORMATION INPUT MEANS
CONTROL SECTION
EXPOSURE PROCESSING SECTION
PRINTING SECTION
27
24
25
REFLECTED ORIGINAL IMAGE INPUT DEVICE
30
FILM SCANNER SECTION
29
PC CARD SETTING SECTION
34
33
P
N

FIG. 5

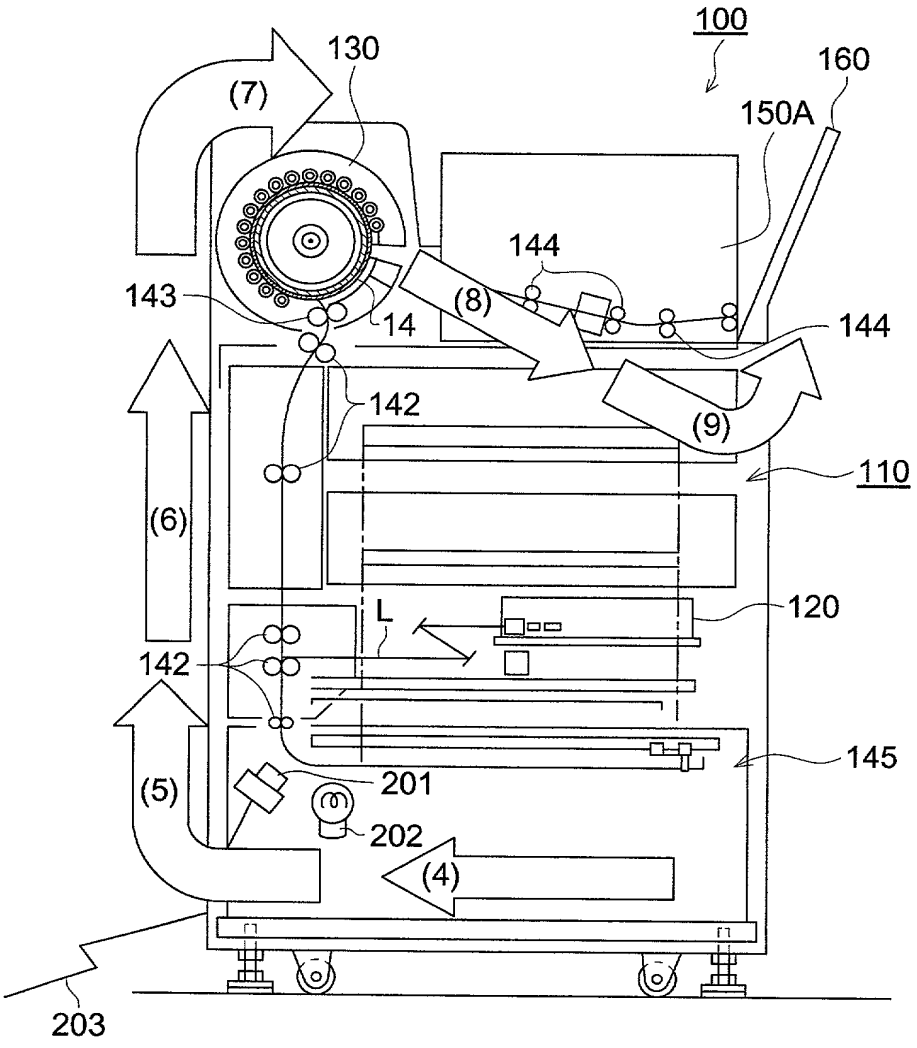

100
130
160
(7)
150A
144
143
(8)
14
144
142
(9)
110
(6)
120
L
142
145
(5)
201
202
(4)
203

FIG. 6

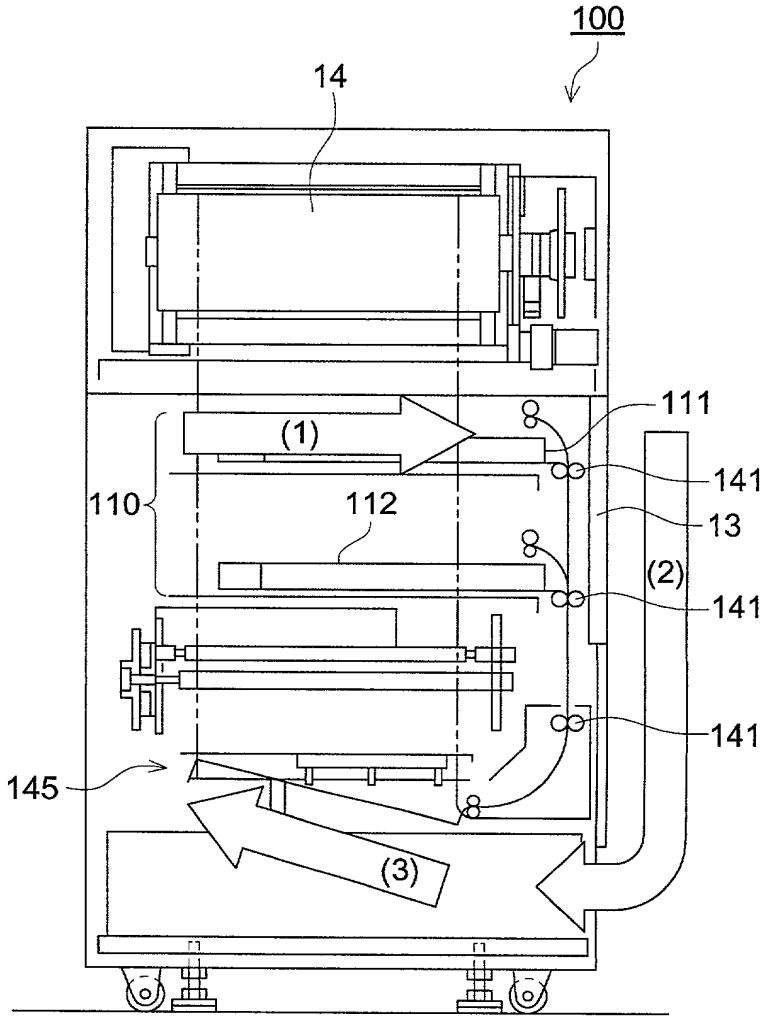


FIG. 7

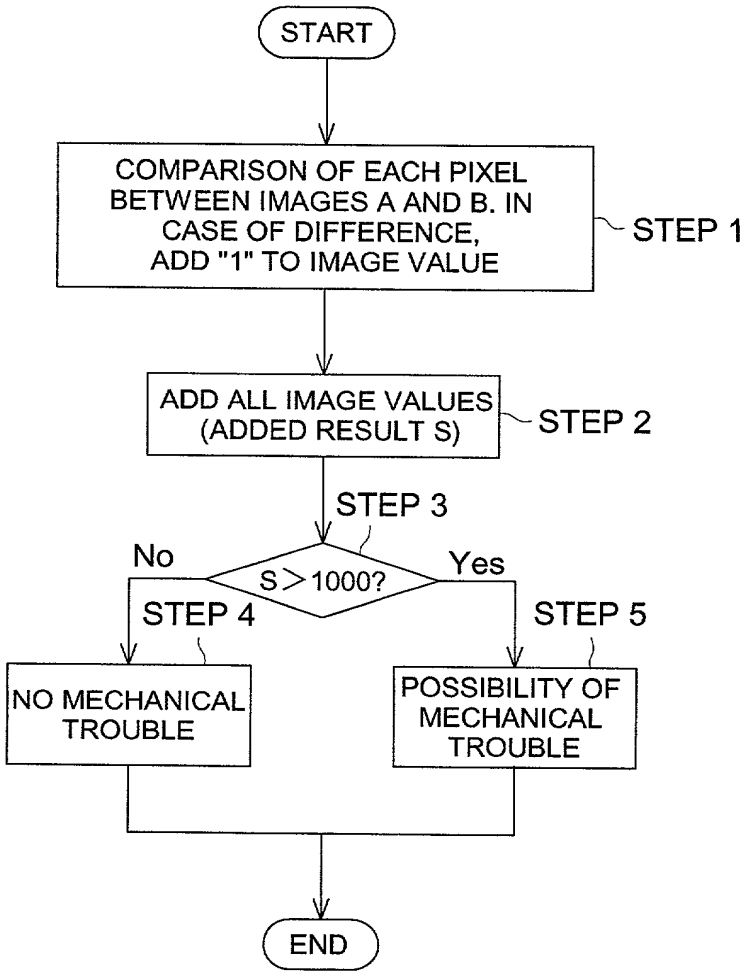

START
COMPARISON OF EACH PIXEL BETWEEN IMAGES A AND B. IN CASE OF DIFFERENCE, ADD "1" TO IMAGE VALUE
STEP 1
ADD ALL IMAGE VALUES (ADDED RESULT S)
STEP 2
STEP 3
No
S>1000?
Yes
STEP 4
STEP 5
NO MECHANICAL TROUBLE
POSSIBILITY OF MECHANICAL TROUBLE
END

FIG. 8

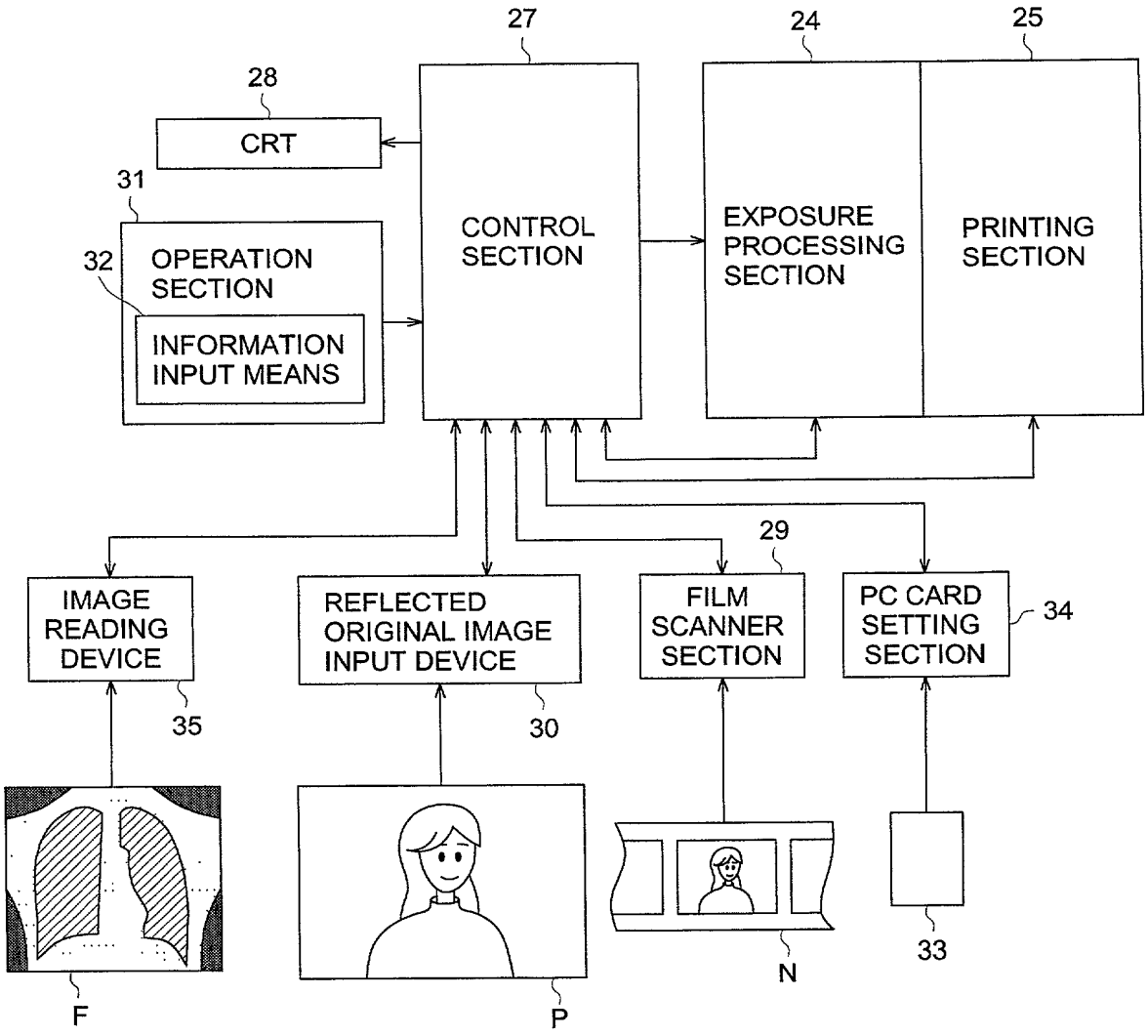

21
27
24
25
28
CRT
31
32
OPERATION SECTION
INFORMATION INPUT MEANS
CONTROL SECTION
EXPOSURE PROCESSING SECTION
PRINTING SECTION
29
IMAGE READING DEVICE
35
REFLECTED ORIGINAL IMAGE INPUT DEVICE
30
FILM SCANNER SECTION
PC CARD SETTING SECTION
34
33
F
P
N

FIG. 9

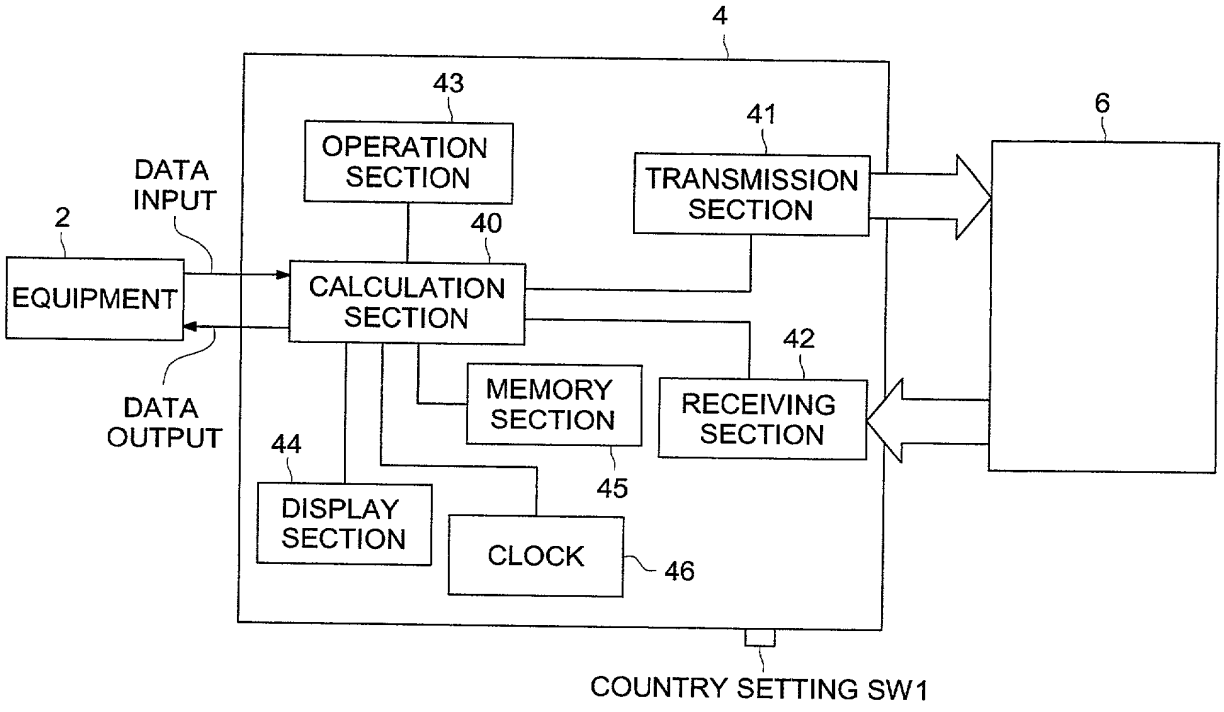

4
43
OPERATION SECTION
41
TRANSMISSION SECTION
6
DATA INPUT
2
EQUIPMENT
40
CALCULATION SECTION
42
MEMORY SECTION
RECEIVING SECTION
DATA OUTPUT
44
DISPLAY SECTION
45
CLOCK
46
COUNTRY SETTING SW1

FIG. 10

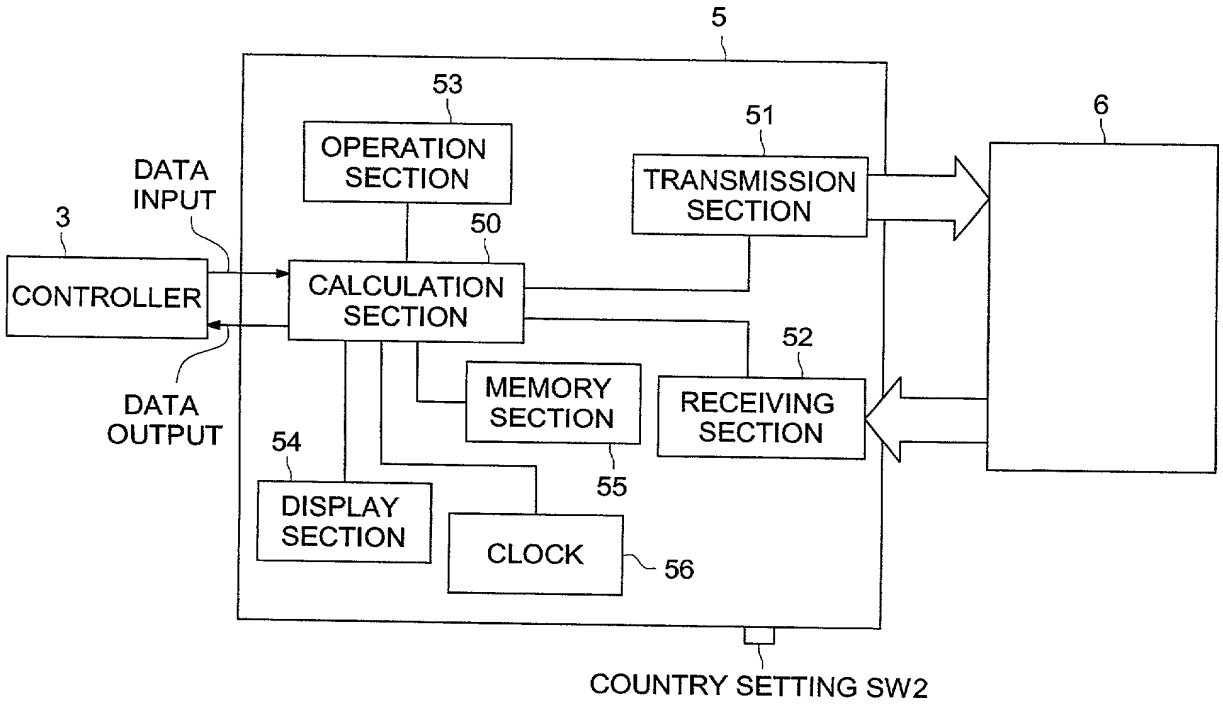

5
53
OPERATION SECTION
51
TRANSMISSION SECTION
6
DATA INPUT
3
CONTROLLER
50
CALCULATION SECTION
52
MEMORY SECTION
RECEIVING SECTION
DATA OUTPUT
54
DISPLAY SECTION
55
CLOCK
56
COUNTRY SETTING SW2

FIG. 11

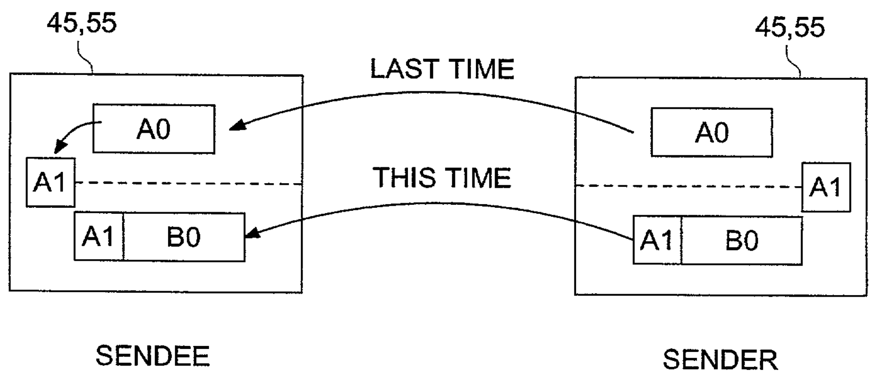

45,55
45,55
LAST TIME
THIS TIME
A0
A0
A1
A1
A1
B0
A1
B0
SENDEE
SENDER

FIG. 12 (a)

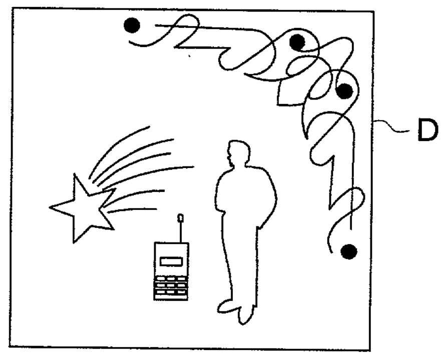


FIG. 12 (b)

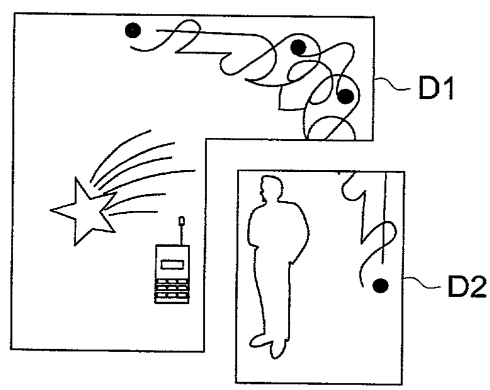


FIG. 12 (c)

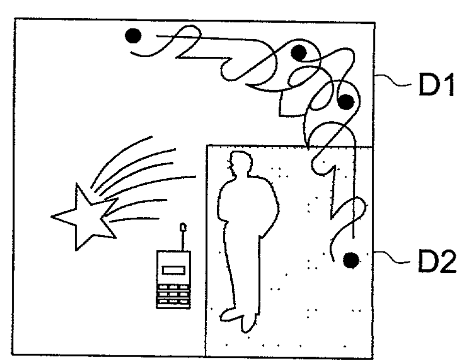


FIG. 13

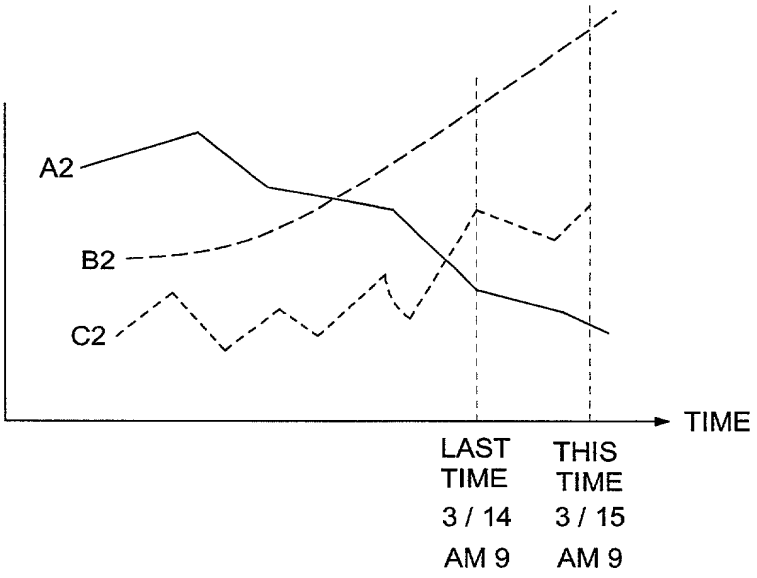
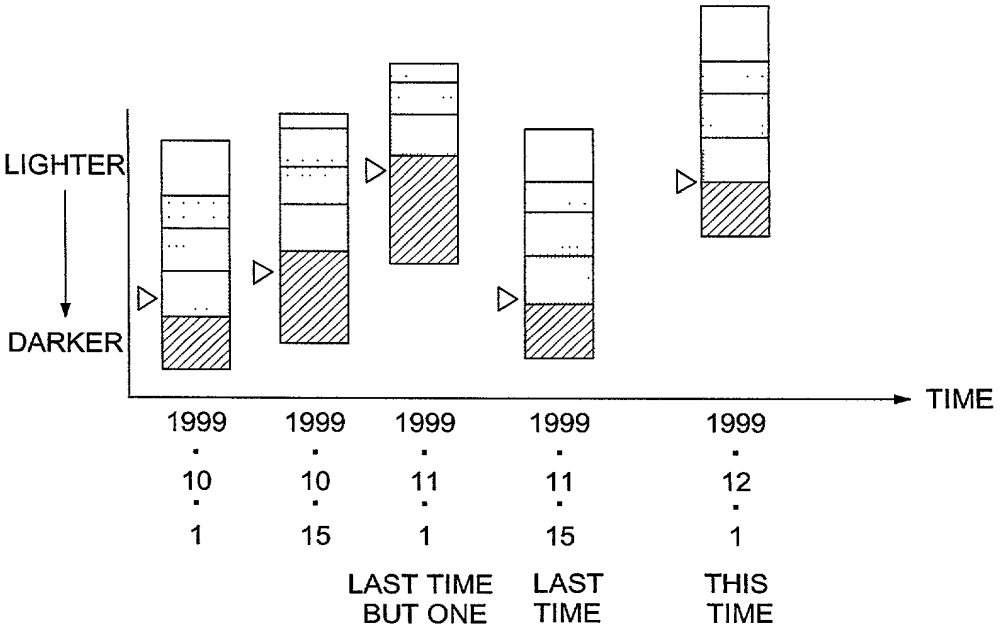

A2
B2
C2
TIME
LAST TIME
3 / 14
AM 9
THIS TIME
3 / 15
AM 9

FIG. 14


LIGHTER
DARKER
TIME
1999 · 10 · 1
1999 · 10 · 15
1999 · 11 · 1
1999 · 11 · 15
1999 · 12 · 1
LAST TIME BUT ONE
LAST TIME
THIS TIME